

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

**AMENDMENT TO AGREEMENT FOR
PROFESSIONAL ENGINEERING SERVICES**

THIS AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter “County”), a body corporate and politic under the laws of the State of Texas, and EPIC Transportation Group, LP, (hereinafter “Contractor”), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on March 10, 2015, (hereinafter “Agreement”); and

WHEREAS, the parties desire to amend the Agreement for additional services to be provided and increase the total Maximum Compensation for the completion of such additional services.

NOW, THEREFORE, the parties do mutually agree as follows:

1. County shall pay Contractor an additional thirty-seven thousand two hundred twenty-eight dollars and 00/100 (\$37,228.00) for the additional services as described in the proposal dated October 20, 2015, as revised November 4, 2015 attached hereto as Attachment “A” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed seventy-nine thousand seven hundred fifty-eight dollars and 00/100 (\$79,758.00), authorized as follows:
 \$42,530.00 under the Agreement; and
 \$37,228.00 under this Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without an approved change order.

Except as provided herein, all terms and conditions of the Agreement shall remain unchanged.

FORT BEND COUNTY

EPIC TRANSPORTATION GROUP, LP



Robert E. Hebert, County Judge

Harish Narayanappa, P.E. / President

Date

11/20/2015

Date

ATTEST:

Laura Richard, County Clerk

APPROVED:

Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer, First Assistant County Attorney

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$_____ to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Edward Sturdivant, County Auditor

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ATTACHMENT A



EPIC TRANSPORTATION GROUP, LP

Engineering . Planning . Infrastructure . Construction

800 Wilcrest Drive, Suite 240, Houston, TX 77042

October 28, 2015

Revised November 4, 2015

Timothy J. Lyng, P.E.
Binkley & Barfield, Inc.
1710 Seamist Drive, Houston, TX 77008
Attention: Tommy Cromer, PE

**Re: *Fort Bend County 2013 Mobility Bond Program
Sycamore Road, Fresno, Fort Bend County Precinct 1***

Dear Tim:

EPIC Transportation Group, LP (ETG) appreciates the opportunity to submit this supplemental proposal for engineering services to Fort Bend County (FBC) to reconstruct about 1,300 feet of Sycamore Road between the eastern driveway of Fort Bend MUD 23's M.R Massey Building (located at 1570 Rabb Road) and just west of Eaglewood Trail Drive.

FBC has requested that the proposed design plans be revised/updated to a bid-ready package. Previously, the County Road and Bridge Department was going to construct the project, and the original scope/fee reflected this effort. Now, the County wants to have the option to bid it out, hence this supplemental scope. The project limits and design criteria remains the same as per the previous scope (dated February 16, 2015).

SUPPLEMENTAL SCOPE OF SERVICES

Additional effort is required on the some of the originally scoped design plans. In addition, new plan layouts shall be designed as follows:

- General and Construction Notes
- Quantity Summary – Modify quantities
- Survey Control Map
- Removal Layout
- Roadway Plan and Profile Layouts – Modify sheets, add roadway and ditch profiles.
- Drainage Area Map
- Traffic Control/Detour Layouts
- Roadway Cross Sections (Earthwork) – Based on LIDAR information provided by FBC
- Utility Research – Limited to preparing utility conflict list only.
- Prepare Project Manual, Bid Forms, Cost Estimate and Specifications

The plan and profile drawings shall be drawn at 1"= 20' scale on 22"x34" sheets using CAD graphics software.

DELIVERABLES: Submittals include one pre-final set for review followed by one set of sealed and signed drawings for construction. Deliverables shall be in 22"x34" PDF format and one hard copy set. In addition AutoCAD design and survey files shall be submitted.

MEETINGS & COORDINATION: There shall be no coordination meetings. All coordination shall be handled by phone calls and emails.

CONTRACT PHASE: Contract phase services shall include the following:

- Attend pre-bid meeting
- Prepare Addendum, if any
- Prepare bid-tabulations

CONSTRUCTION PHASE: Construction phase services shall include the following:

- Attend pre-construction meeting.
- Review and answer contractor's questions and Request for Information (RFI's)
- Make periodic visits to determine, in general, if the work is progressing in accordance with the contract documents
- Review shop and working drawings furnished by contractors for compliance with design concepts and specifications and with the information given in the contract documents. Assist in reviewing change order pricing and quantities
- Final walk-through and punch list

Construction progress meetings are not part of the scope.

ADDITIONAL SERVICES: Any work beyond the Scope is considered additional and is subject to negotiation. No work shall be performed under Additional Services without prior consent from the County. The following are not part of the supplemental scope, and if required would constitute Additional Services:

- Detailed Drainage (Detention) Analysis/Mitigation Analysis/Hydrologic Studies
- Pavement Analysis and Design – Use FBC provided pavement section
- Environmental Analysis (except for Desktop Analysis)
- Sanitary, Water and Storm Sewer Redesign
- Utility Relocation Coordination
- Fort Bend County Drainage District Coordination
- Additional Engineering Services
- Additional ROW Parcels/Takings
- Additional Meetings

COMPENSATION: The supplemental lump sum fee for the effort is as follows:

Design Phase: \$21,444
Contract Phase: \$2,712
Construction Phase: \$3,312
ROW Mapping/Parcel Survey (Weisser): \$9,760

The total supplemental lump sum fee is \$37,228. This amount is in addition to the original fee previously approved per the scope dated February 16, 2015. The amount shown includes all direct expenses estimated for this project. Any work not specifically stated above shall be considered additional work, and is subject to negotiation. Meetings, representations, reproduction, mileage, etc. beyond the required tasks shall be considered "Additional Services." See Exhibit A – Compensation for Professional Services for the various design costs. Also included is Exhibit B – supplemental Survey proposal. We trust that the information provided is sufficient for you to complete your evaluation of this proposal. However, should you have any questions, please let me know.

Sincerely,
ETG Transportation Group, LP



Harish Narayanappa, P.E., PTOE
President

Attachments:
Exhibit A - Compensation for Professional Services
Exhibit B – Survey Proposal

EXHIBIT A
SUMMARY OF SUPPLEMENTAL MAN-HOUR ESTIMATE AND COST BREAKDOWN
SYCAMORE ROAD , FORT BEND COUNTY PRECINCT 1

Classification	Project Manager	Senior Project Engineer	Project Engineer	Senior CADD Technician	Project Admin./Clerical	Total Man-Hours	Cost	Not to Exceed
Direct Labor Rate	\$189.00	\$150.00	\$120.00	\$105.00	\$75.00			
DESIGN PHASE	Number of Hours							
TASK								
Project Administration					4	4	\$300.00	
Field Visit/Site Inventory		4				4	\$600.00	
County/PMC Coordination (Conference Calls and Emails Only)	4					4	\$756.00	
Utility Research/Conflict List		4	6			10	\$1,320.00	
General/Utility notes		4	4	4		8	\$900.00	
Quantities		4	4			8	\$1,080.00	
Roadway Plan/Profile Layouts	2	8	10	30		50	\$5,928.00	
Drainage Area Map/Design	2	2	4	4		8	\$1,098.00	
TCP Layouts/Detours	4	4		16		24	\$3,036.00	
Roadway Cross Sections (Earthwork)	4	4	8	8		20	\$2,400.00	
Prepare Bid Documents (Manual, Bid forms, Cost Estimate and Specifications)	4	8	12			24	\$3,396.00	
Submittals (1st and 2nd)				6		6	\$630.00	
Total Man-Hours	16	38	44	68	4	170	\$21,444.00	\$21,444.00

TASK	Number of Hours	Cost
ROW Mapping/Parcel Survey (3 Parcels) and Survey Control Maps - Weisser Engineering (see Exhibit B)		\$9,760.00
Total Cost		\$9,760.00
	TOTAL - DESIGN PHASE	\$31,204.00

TASK	Number of Hours	Cost
CONTRACT PHASE		
Pre-bid meetings/Addendums/Bid Tabulation	8	\$2,712.00
Total Man-Hours	8	\$2,712.00
Total Cost		\$2,712.00
	TOTAL - CONTRACT PHASE	\$2,712.00

TASK	Number of Hours	Cost
CONSTRUCTION PHASE		
RFI's/Shop drawings/Field Visits/Puch List	8	\$3,312.00
Total Man-Hours	8	\$3,312.00
Total Cost		\$3,312.00
	TOTAL - CONSTRUCTION PHASE	\$3,312.00

TOTAL - DESIGN & CONSTRUCTION	\$37,228.00
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